



PTO/SB/08A (08-03)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete if Known

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| Application Number | 10/731,452 |
| Filing Date | 12/09/2003 |
| First Named Inventor | Shane Taghavi |
| Art Unit | 4776 1773 |
| Examiner Name | Not yet assigned D.S. NAKARAWI |
| Attorney Docket Number | 2504-018 |

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| DSN | | US- 3,555,604 | 01/19/1971 | Pahlke | |
| DSN | | US- 3,645,992 | 02/29/1972 | Elston | |
| DSN | | US- 4,076,698 | 02/28/1978 | Anderson, et al. | |
| DSN | | US- 4,011,382 | 03/08/1977 | Levine, et al. | |
| DSN | | US- 4,163,831 | 08/07/1979 | Gessell | |
| DSN | | US- 4,205,021 | 05/27/1980 | Morita, et al. | |
| DSN | | US- 4,302,565 | 11/24/1981 | Goeke, et al. | |
| DSN | | US- 4,302,566 | 11/24/1981 | Karol, et al. | |
| DSN | | US- 4,359,561 | 11/16/1982 | Fraser, et al. | |
| DSN | | US- 4,522,987 | 06/11/1985 | Hogan, et al. | |
| DSN | | US- 4,692,380 | 09/08/1987 | Reid | |
| DSN | | US- 5,167,707 | 12/01/1992 | Freeman, et al. | |
| DSN | | US- 5,759,648 | 06/02/1998 | Idlas | |
| DSN | | US- 5,837,335 | 11/17/1998 | Babrowicz | |
| DSN | | US- 5,885,699 | 03/23/1999 | Watson, et al. | |
| DSN | | US- 6,060,136 | 05/09/2000 | Patrick, et al. | |
| DSN | | US- 6,207,093 B1 | 03/27/2001 | Hanyu, et al. | |
| DSN | | US- 6,376,095 B1 | 04/23/2002 | Cheung, et al. | |
| DSN | | US- RE37,699 E | 05/14/2002 | Bradfute, et al. | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁴ |
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Examiner
Signature

D.S. Nakarawi

Date
Considered

7/8/04

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| Sheet | 2 | of | 3 |
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| Art Unit | 4775 1773 |
| Examiner Name | Not yet assigned D.S. NADARAI |
| Attorney Docket Number | 2504-018 |

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|-----------------------|--------------------|--------------------|--------|
| Examiner Signature | <i>[Signature]</i> | Date Considered | 7/8/04 |
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| Attorney Docket Number | 2504-018 |

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| Sheet | 3 | of | 3 |
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NON PATENT LITERATURE DOCUMENTS

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|--------------------|---------------------|-----------------|--------|
| Examiner Signature | <i>D. S. K. ...</i> | Date Considered | 7/8/04 |
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